Relax... you're in charge

THE POWER OF REDARC®

The Manager30 is a state-of-the-art battery management system. It is ideal for recreational vehicles, caravans and camper trailers with multiple battery banks.

This 30 amp charger is the complete battery management system. It keeps your auxiliary batteries charged from 240 volt mains power, your vehicle alternator and solar panels.

It knows how to take charge and keep auxiliary batteries fully charged. No matter where you are you know you will always have the power you need.

Designed and manufactured in Australia using the latest electronic and design technology, The Manager30 will get you to where you want to go - and back again - with complete confidence.

Six products in one

- DC In-vehicle battery charger
- 240 volt AC battery charger
- MPPT solar regulator
- Dual battery isolator with Smart Start® technology
- Load disconnect controller
- Remote battery monitor

THE MANAGER30

SOLAR READY

AUSTRALIAN MADE

The Manager30 is a complete battery management system for charging auxiliary batteries used in automotive applications by incorporating AC, DC and solar inputs to achieve the best charge.

Developed with ease of installation in mind, The Manager30 is compatible with all vehicles and alternator systems including variable voltage alternators, features load sharing capabilities and green power priority.

Powerful output

The Manager30 comes with a massive 30 amp current output and is able to handle more power intensive loads and maintain larger battery banks.

It can also charge all common automotive batteries including lithium ($LiFePO_4$).

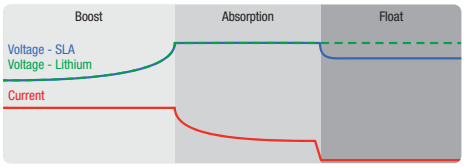
Green Power Priority – If 12 volt solar power is available, solar power will be used before topping up the output charging current from another source such as mains power or DC vehicle power when on the move.

MPPT Solar regulator – the built-in Maximum Power Point Tracking (MPPT) solar regulator allows The Manager30 to deliver the maximum amount of power from your solar panels, even during low light conditions.

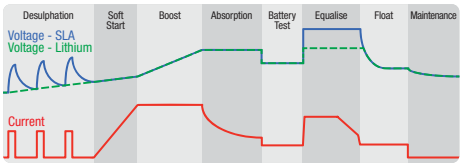
Multi-stage charging process

Two different multi-stage DC-DC charging profiles fully charge auxiliary batteries.

Touring mode - designed for use when 'on the road'. It offers a 3-stage* charging profile consisting of boost, absorption and float. Touring mode will charge your auxiliary battery to its optimal level whilst allowing you to run loads from the battery.



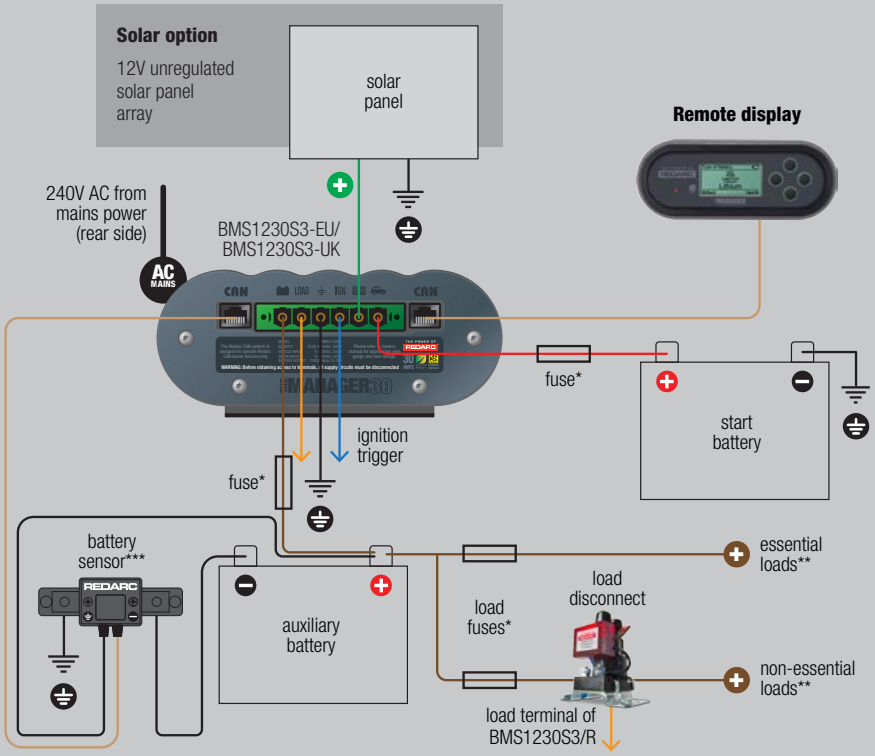
Storage mode - designed to keep your auxiliary battery charged whilst your caravan/camper is in storage by using an 8-stage* charging profile.



Sophisticated fault detection sensors monitor the battery conditions during all stages of charging, keeping you and your caravan/camper safe.

Visit **redarcelectronics.eu/manager** for more information.

The Manager standard installation (12 or 24 volt)



* Fuses not supplied. The size of these load fuses relate to the total current draw of all loads connected to the house battery and should be rated slightly higher than this.

** Essential loads are loads which must be left on at all times (or until the battery is flat). Non-essential loads are those which can be switched off when the battery reaches a particular low-charge level, which can be set in the 'advanced settings' menu.

*** Either CANBus connection can be used for the display or battery sensor.

Specifications

Part number	BMS1230S3-EU/BMS1230S3-UK	
Output current	30A	
Charging mode	Storage mode	Touring mode
Lithium (max)	14.5V†	14.5V†
GEL setting (max)	14.4V†	14.4V†
AGM setting (max)	14.4V†	14.4V†
Calcium setting (max)	16.0V†	15.2V†
Standard lead acid (max)	15.5V†	14.8V†
Operating temperature‡	-40°C to +80°C	
Weight	5.0kg	
Dimensions	Main unit: 445 x 185 x 79mm Remote unit: 186 x 74 x 29mm	
EMC compliance	2014/30/EU, CISPR11	
Safety compliance	2014/35/EU	
Environmental compliance	RoHS	
Warranty	Two years	

* Depending on the battery type some stages are omitted from the profile.
† Voltages stated above are nominal and may vary slightly from that specified. Contact REDARC if further information is required.
‡ The Manager30 will only charge the battery when the battery temperature is between -25°C and +60°C for standard lead acid, AGM and calcium batteries that are above 10.5 volts and between 0°C and +60°C in all other circumstances.

TWO YEAR WARRANTY

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AUSTRALIAN MADE

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